

Patent  
Attorney's Docket No. 003277-031

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

## In re Patent Application of

**Jukka JÄKÄRÄ** et al.

Application No.: 10/018,088

**Filed: December 14, 2001**

For: METHOD TO IMPROVE THE  
OPACITY OF MECHANICAL PULP BY  
USING ALIPHATIC PEROXY ACIDS  
AND USE OF PEROXY ACIDS TO  
IMPROVE OPACITY

Group Art Unit: Unassigned

Examiner: Unassigned

## INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, Applicant hereby submits the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98.

Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed.

The following reference was cited on pages 3-4 in the specification of the above-identified application:

JP 284598;

JP 57-21591;

Tappi publication, Vol. 48, No. 2 (2/1965), W.H. Rapson et al. Paper Bleaching – A New Process, pp. 65-72;

Kemia, No. 3 (1995), Jyri Maunuksela, Mikrobiein torjunta peretikkahapolla (Microbe Prevention with Peracetic Acid), pp. 242-244; and

Pulp and Paper Magazine of Canada, Convention Issue, 1972, pp. 123-131, and by number 3/1968 of the same magazine in pages 51-60

Also enclosed is a copy of the International Search Report issued in connection with the above-identified application. The following references were cited:

U.S. Patent 5,693,185;

WO 97/22749; and

GB 1,119,546.

Also enclosed is a reference cited in the International Preliminary Examination Report:  
Dence, C.W., et al., "Pulp Bleaching - Principles and Practice", 1<sup>st</sup> edn, Tappi Press,  
1996, p. 477.

The documents are being submitted within 3 months of the filing or entry of the national stage of this application or before the first Office Action on the merits, whichever is later, therefore no fee or statement is required under 37 C.F.R. § 1.97(b).

To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

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Date: March 6, 2002

ATTORNEY'S DKT  
003277-031

APPLICATION No.  
10/018,088

APPLICANT  
Jukka JÄKÄRÄ et al.

**FILING DATE**  
December 14, 2001

GROUP  
Unassigned

[illegible]

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Foreign Patent Document		Country	Date of Publication (MM-DD-YYYY)	Translation	
	Number	Kind Code (if known)			Yes	no
	1,119,546		Great Britain	07-10-1968	X	
	2-84598		Japan	03-26-1990		X
	57-21591		Japan	02-04-1982	X	
	97/22749		PCT	06-26-1997	X	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
	Tappi publication, Vol. 48, No. 2 (2/1965), W.H. Rapson et al. Paper Bleaching – A New Process, pp. 65-72		
	Kemia, No. 3 (1995), Jyri Maunuksela, Mikrobieen torjunta peretikkahapolla (Microbe Prevention with Peracetic Acid), pp. 242-244		
	Pulp and Paper Magazine of Canada, Convention Issue, 1972, pp. 123-131, and by number 3/1968 of the same magazine in pages 51-60		
	Dence, C.W., et al., "Pulp Bleaching - Principles and Practice", 1 <sup>st</sup> edn, Tappi Press, 1996, p. 477		
Examiner Signature		Date Considered	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.